LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG032917\
Data File : BG026495.D
Acq On : 30 Mar 2017 3:18
Operator : SJ/MA
Sample : I2391-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.112	3	4	19	rVB	151081	219018	1.83%	0.309%
2	5.356	379	386	406	rBV	6621302	11991652	100.00%	16.904%
3	7.207	693	701	713	rBV	119395	222684	1.86%	0.314%
4	7.360	720	727	740	rBV	553493	922589	7.69%	1.301%
5	7.577	754	764	776	rBV	534684	954590	7.96%	1.346%
6	7.929	814	824	835	rBV	347914	602611	5.03%	0.849%
7	8.041	835	843	845	rBV	612789	1001683	8.35%	1.412%
8	8.076	845	849	861	rVB	2232589	3765393	31.40%	5.308%
9	8.400	894	904	920	rBV	3290623	5879227	49.03%	8.288%
10	8.740	956	962	974	rBV	406647	702364	5.86%	0.990%
11	9.199	1031	1040	1054	rBV	580758	1050243	8.76%	1.480%
12	9.921	1156	1163	1174	rBV	476781	866941	7.23%	1.222%
13	10.462	1248	1255	1271	rBV	753101	1436826	11.98%	2.025%
14	10.703	1289	1296	1302	rBV	230279	426137	3.55%	0.601%
15	10.838	1312	1319	1329	rVB	837862	1490866	12.43%	2.102%
16	14.046	1858	1865	1878	rBV	1680072	2425378	20.23%	3.419%
17	14.340	1908	1915	1924	rBV	1915121	3056346	25.49%	4.308%
18	14.645	1959	1967	1977	rBV2	1297273	2092418	17.45%	2.950%
19	14.845	1997	2001	2019	rBV	71067	185143	1.54%	0.261%
20	15.632	2128	2135	2145	rBV	2655430	4114428	34.31%	5.800%
21	15.750	2148	2155	2167	rBV	801725	1217559	10.15%	1.716%
22	17.377	2425	2432	2441	rBV2	1727707	2623585	21.88%	3.698%
23	17.477	2442	2449	2460	rVV2	2999925	4659646	38.86%	6.568%
24	19.757	2830	2837	2849	rBV	3729127	5719839	47.70%	8.063%
25	21.625	3147	3155	3170	rBV	2047805	3444344	28.72%	4.855%
26	24.586	3647	3659	3676	rBV2	2098447	6030413	50.29%	8.501%
27	24.798	3683	3695	3714	rBV2	1292704	3681551	30.70%	5.190%
28	27.236	4103	4110	4122	rVB5	48117	156344	1.30%	0.220%

Sum of corrected areas: 70939818

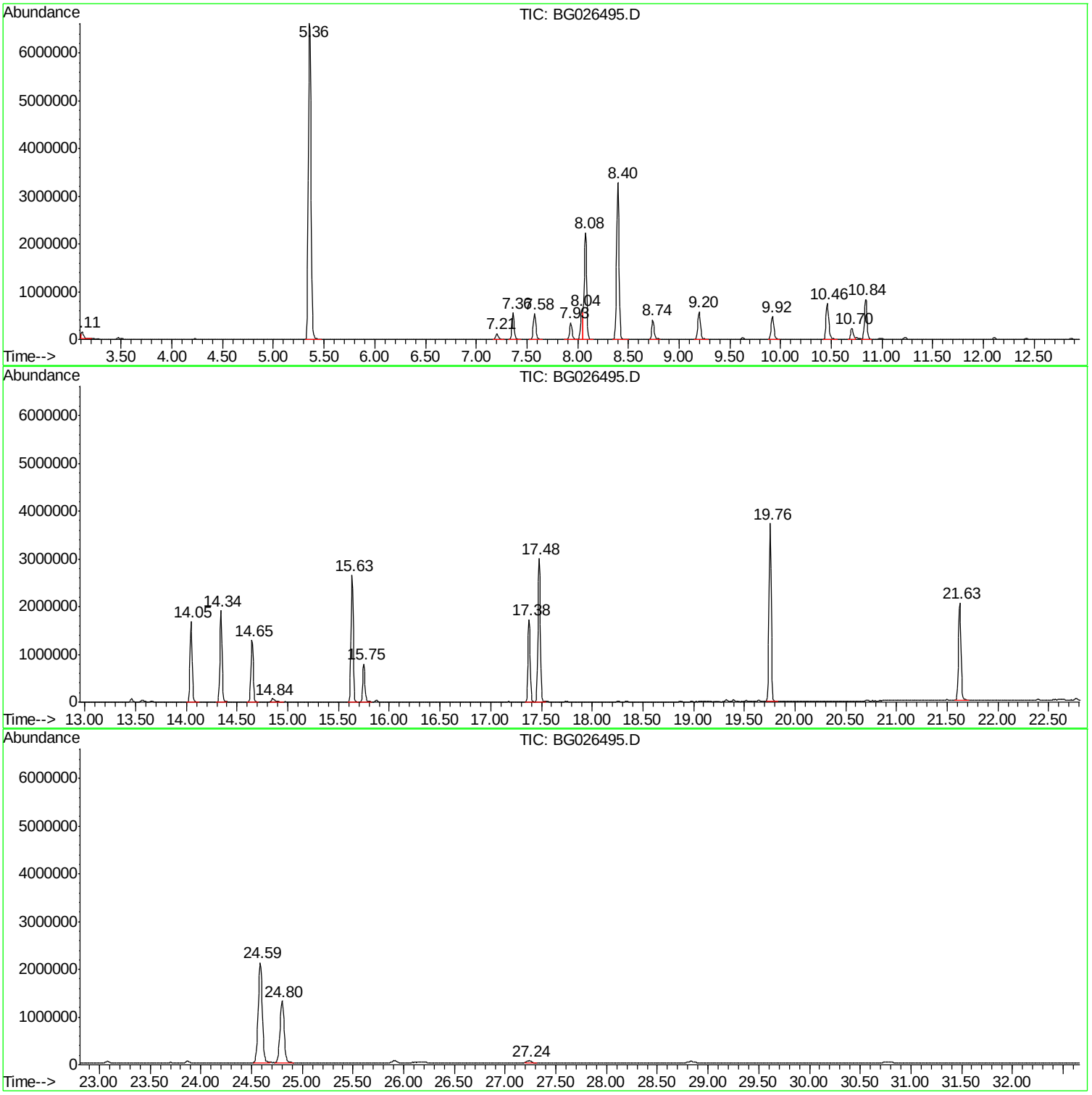
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\Data\BG032917\
Data File : BG026495.D
Acq On : 30 Mar 2017 3:18
Operator : SJ/MA
Sample : I2391-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\Data\BG032917\
Data File : BG026495.D
Acq On : 30 Mar 2017 3:18
Operator : SJ/MA
Sample : I2391-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION

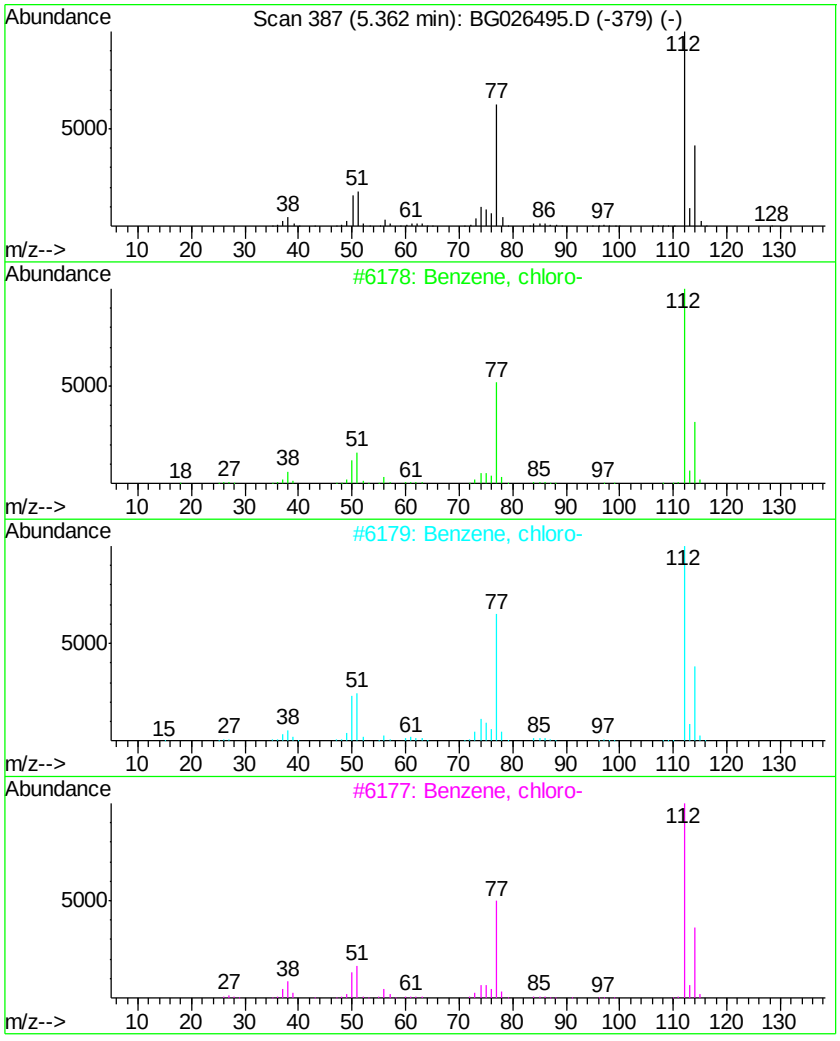
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

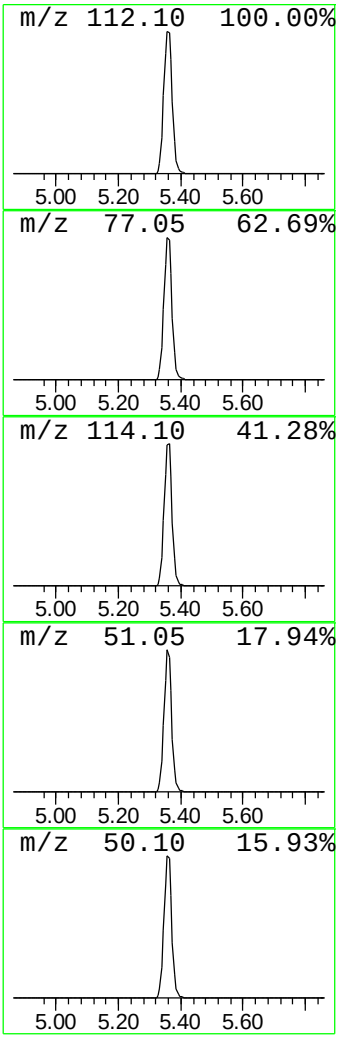
****

Peak Number 2 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	239.43 ng/ul	11991700	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	91
5	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	35





Data Path : Z:\HPCHEM1\BNA G\Data\BG032917\
Data File : BG026495.D
Acq On : 30 Mar 2017 3:18
Operator : SJ/MA
Sample : I2391-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION

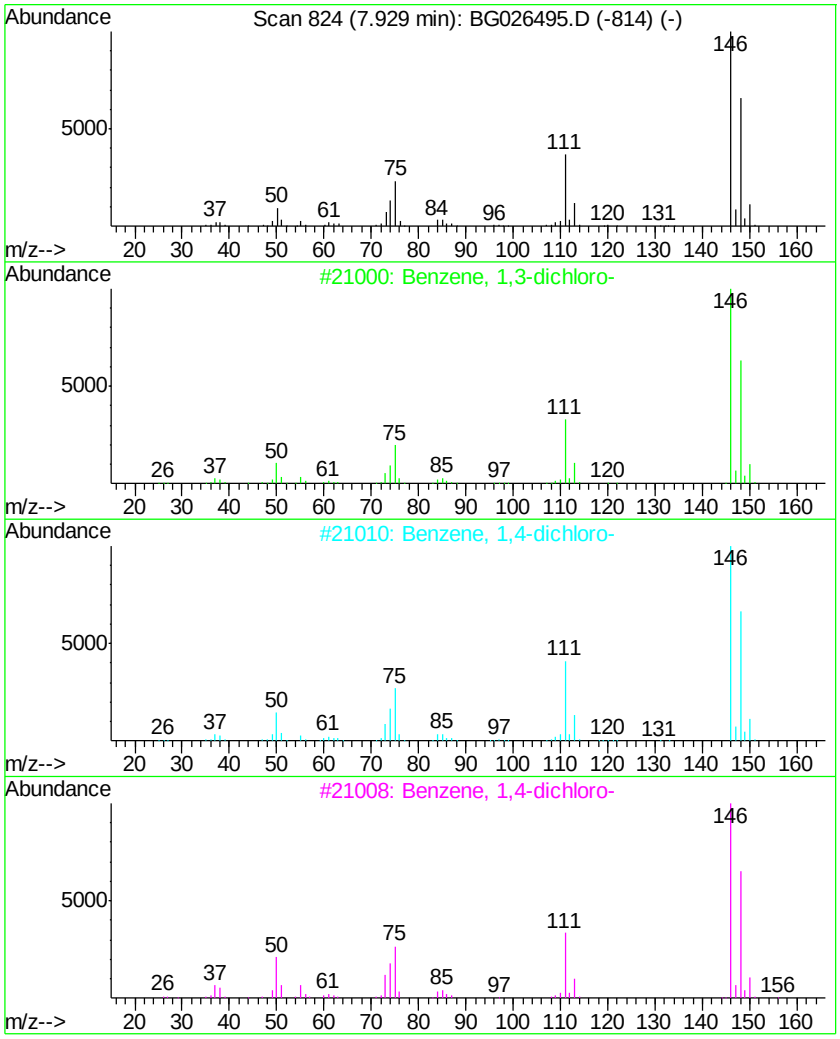
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

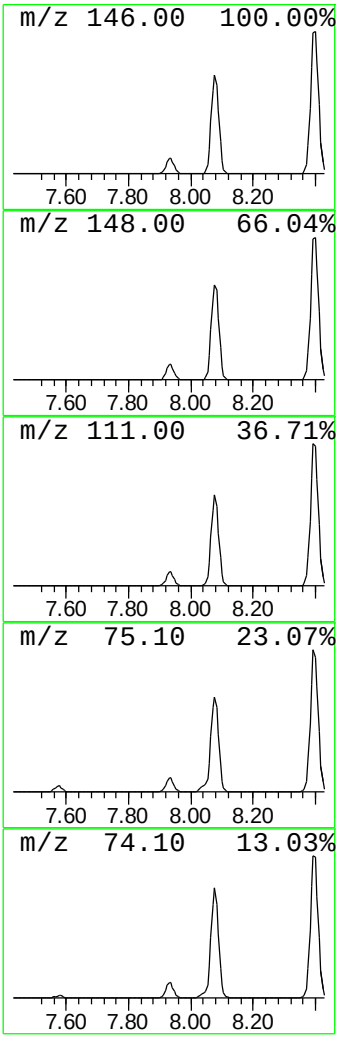
****

Peak Number 3 Benzene, 1,3-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	12.03 ng/ul	602611	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95





Data Path : Z:\HPCHEM1\BNA G\Data\BG032917\
Data File : BG026495.D
Acq On : 30 Mar 2017 3:18
Operator : SJ/MA
Sample : I2391-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION

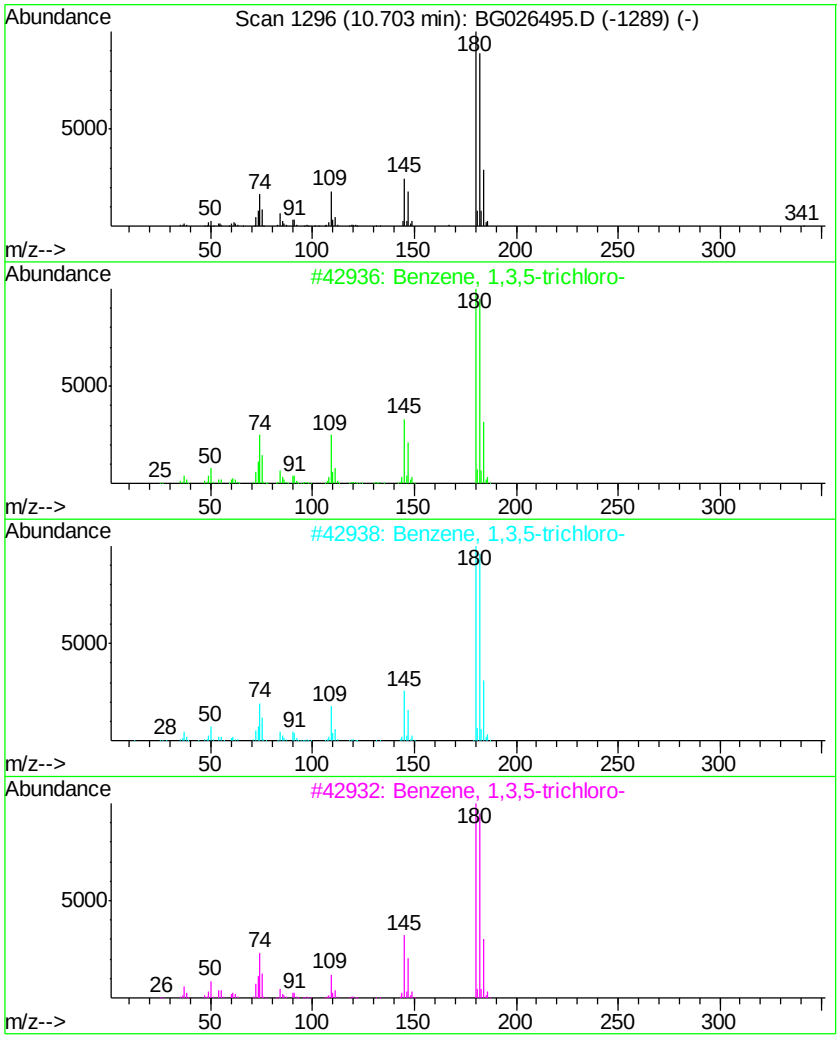
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

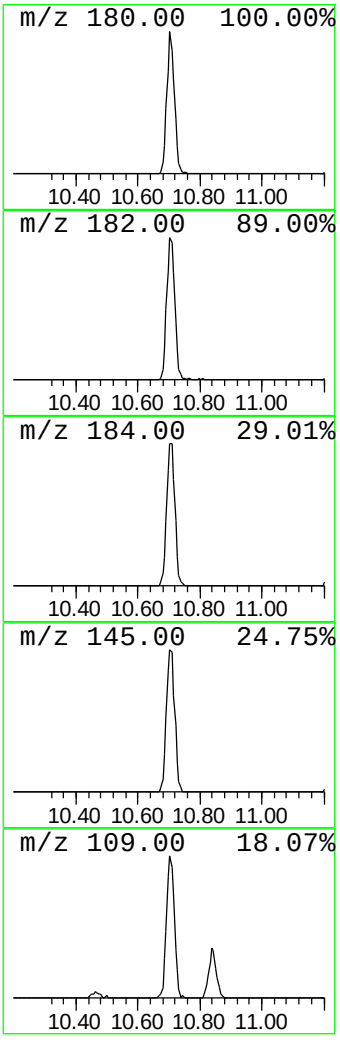
****

Peak Number 5 Benzene, 1,3,5-trichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	5.72 ng/ul	426137	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
4	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032917\
Data File : BG026495.D
Acq On : 30 Mar 2017 3:18
Operator : SJ/MA
Sample : I2391-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	5.36	239.4	ng/ul	11991700	1	8.04	1001680	20.0
Benzene, 1,3-dich...	7.93	12.0	ng/ul	602611	1	8.04	1001680	20.0
Benzene, 1,3,5-tr...	10.70	5.7	ng/ul	426137	2	10.84	1490870	20.0